

EAST - (Default EAST Workspace (Flat Panel LANDSCAPE) wsp 1)

File View Edit Tools Window Help

☐ Drafts  
☐ Pending  
☒ Active  
L1: (2) (("5,998,725") or ("5,895,449")).FN.  
L2: (7) (("6304846") or ("6836761") or ("6462264") or ("5876213") or ("5857171") or ("57  
L3: (16) phoneme and lyrics  
L4: (770) stochastic and deterministic  
L5: (10) 4 and singing  
L6: (7) 4 and singing and pitch  
☐ Failed  
stochastic and deterministic  
☒ Saved  
Favorites  
Tagged (0)  
UDC  
Queue  
Trash

Search

DBs: USPAT ☐ Bursis  
Default operator: OR

4 and singing and pitch

☐ BRS form ☐ ISSR form ☒ Image ☐ Text ☐ HTML

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	Imag
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6748355 B1	20040608	12	Method of sound synthesis	704/203	704/258		Miner; Nadine E. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6230140 B1	20010508	14	Continuous sound by concatenating selected	704/278	84/662		Severson; Frederick E. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5832431 A	19981103	14	Non-looped continuous sound by random sequencing of	704/258	704/272		Severson; Frederick E. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5698807 A	19971216	21	Digital sampling instrument	84/661	381/61; 704/262;		Massie; Dana C. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5633985 A	19970527	14	Method of generating continuous non-looped sound	704/267	446/297; 704/272;		Severson; Frederick E. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5536902 A	19960716	45	Method of and apparatus for analyzing and synthesizing a	84/623	84/627		Serra; Xavier et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5248845 A	19930928	20	Digital sampling instrument	84/622	84/661; 84/DIG.10;		Massie; Dana C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5

☒ Hits ☐ Details ☐ HTML

Ready NUM

Best Available Copy

EAST - [default.wsp 1]

FileViewEditToolsWindowHelp

Drafts

Pending

Active

L1: (770) deterministic and stochastic

L2: (63) deterministic and stochastic and "704"/S.ccls.

L3: (0) deterministic and stochastic and "704"/S.ccls. and synthesis

L4: (37) deterministic and stochastic and "704"/S.ccls. and synthesis

L5: (12) deterministic and stochastic and phoneme and synthesis

L6: (192) (704/267).CCLs.

L7: (1) ("5536902").FH.

Failed

deterministic and stochastic and "704"/S.ccls.

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Search

DBs

USPAT,USOCR

Default operator: OR

Highlight all hit terms initially

5536902

BRS formIS&R formImageTextHTML

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	21	Imag
1	<input type="checkbox"/>	<input type="checkbox"/>	US 5536902 A	19960716	45	Method of and apparatus for analyzing and synthesizing a	84/623	84/627		Serra; Xavier et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Hits

Details

HTML

Ready

NUM

- ☐ Drafts
- ☐ Pending
- ☒ Active
  - ☒ L1: (2) (("5,998,725") or ("5,895,449")).FN.
  - ☒ L2: (7) (("6304846") or ("6836761") or ("6462264") or ("5876213") or ("5857171") or ("5762171"))
  - ☒ L3: (16) phoneme and lyrics
- ☐ Failed
- ☐ Saved
- ☐ Favorites
- ☒ Tagged (0)
- ☐ UDC
- ☐ Queue
- ☐ Trash

☐ Plurals

Default operator:  
☒ Highlight all hit terms initially

phoneme and lyrics

 BRS form
  IS&R form
  Image
  Text
  HTML

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	34	12	
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6632094 B1	20031014	15	Technique for mentoring pre-readers and early	434/178	434/167; 434/180;		Falcon; Mary A. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6539354 B1	20030325	28	Methods and devices for producing and using	704/260	345/423; 704/235;		Sutton; Stephen et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6476306 B2	20021105	9	Method and a system for recognizing a melody	84/609	84/611; 84/DIG. 12		Huopaniemi; Jyri et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6462264 B1	20021008	30	Method and apparatus for audio broadcast of enhanced	84/645	341/60; 704/258		Elam; Carl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6304846 B1	20011016	20	Singing voice synthesis	704/270	704/205		George; E. Bryan et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5998725 A	19991207	51	Musical sound synthesizer and storage medium therefor	84/627	84/609; 84/616;		Ohta; Shinichi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5955693 A	19990921	13	Karaoke apparatus modifying live singing voice by model	84/610	84/622; 84/634		Kageyama; Yasuo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5895449 A	19990420	34	Singing sound-synthesizing apparatus and method	704/278	704/258; 84/622		Nakajima; Yasuyoshi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
9	<input type="checkbox"/>	<input type="checkbox"/>	US 5857171 A	19990105	14	Karaoke apparatus using frequency of actual singing	704/268	704/270; 84/610		Kageyama; Yasuo et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
10	<input type="checkbox"/>	<input type="checkbox"/>	US 5750912 A	19980512	21	Formant converting apparatus modifying singing voice to	84/609	434/307A; 704/209;		Matsumoto; Shuichi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
11	<input type="checkbox"/>	<input type="checkbox"/>	US 5747715 A	19980505	25	Electronic musical apparatus using vocalized sounds to	84/609	84/604; 84/622;		Ohta; Shinichi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US
12	<input type="checkbox"/>	<input type="checkbox"/>	US 5703311 A	19971230	28	Electronic musical apparatus for synthesizing vocal	84/622	704/209		Ohta; Shinichi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US

[Hits](#)
[Details](#)
[HTML](#)

**Ready**

**TINIM**

EAST - [default.asp 1]

FileViewEditToolsWindowHelp

Drafts

Pending

Active

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

L1: (115) tempo and singing and duration

L2: (91) tempo and singing and duration and ("84"/5.ccls. or "704"/5.ccls.)

L3: (26) tempo and singing and duration and ("84"/5.ccls. or "704"/5.ccls.) and lyrics

L4: (16) tempo and singing and duration and ("84"/5.ccls. or "704"/5.ccls.) and phoneme

L5: (7) 3 and 4

Search

USPAT

Browse

Clear

DBs

Phrases

Default operator: OR Highlight all hit terms initially

3 and 4

BRS form

ISSR form

Image

Text

HTML

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	3D	Image
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6462264 B1	20021008	30	Method and apparatus for audio broadcast of enhanced	84/645	341/60; 704/258		Elam; Carl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5955693 A	19990921	13	Karaoke apparatus modifying live singing voice by model	84/610	84/622; 84/634		Kageyama; Yasuo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5895449 A	19990420	34	Singing sound-synthesizing apparatus and method	704/278	704/258; 84/622		Nakajima; Yasuyoshi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5857171 A	19990105	14	Karaoke apparatus using frequency of actual singing	704/268	704/270; 84/610		Kageyama; Yasuo et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5621182 A	19970415	9	Karaoke apparatus converting singing voice into model	84/610	434/307A; 84/634;		Matsumoto; Shuichi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5521324 A	19960528	15	Automated musical accompaniment with multiple	84/612	84/613; 84/631;		Dannenberg; Roger B. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	US 4527274 A	19850702	8	Voice synthesizer	704/267	704/260; 704/268;		Gaynor; Ronald E.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1 of Hits

Details

HTML

Ready

NUM